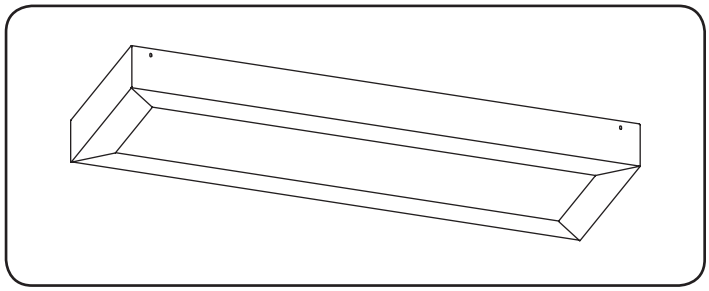
GE
Lighting

Installation Guide

Lumination™ Surface Mount Kit

(For BT Series Luminaires)



BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING/AVERTISSEMENT

RISK OF ELECTRIC SHOCK
- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

RISK OF FIRE
- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections.
- Minimum size 18 AWG (0.75mm²).

RISQUES DE DÉCHARGES ÉLECTRIQUES
- Coupez l'alimentation avant d"inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

RISQUES D'INCENDIE
- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG (0.75mm²).

Save These Instructions

Use only in the manner intended by the manufacturer.
If you have any questions, contact the manufacturer.

Tools and Components Required

- Drill
- Tape measure
- Phillips head screwdriver
- Socket head screwdriver
- Fasteners capable of holding 30 lbs. (4 pcs.)
- UL approved conduit fitting
- UL approved twist-on wire connectors

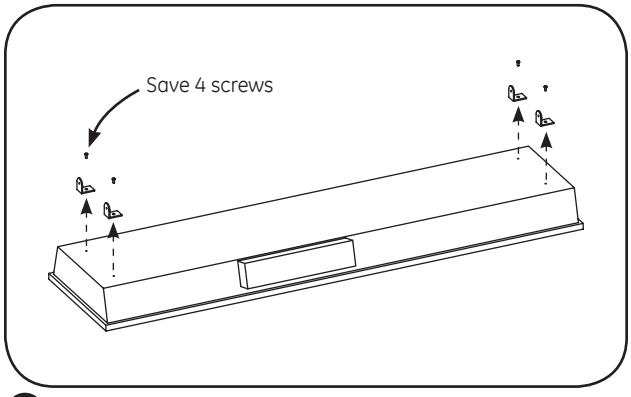
Prepare Electrical Wiring

Electrical Requirements
- LED luminaire must be connected to the mains supply according to its ratings on the product label.

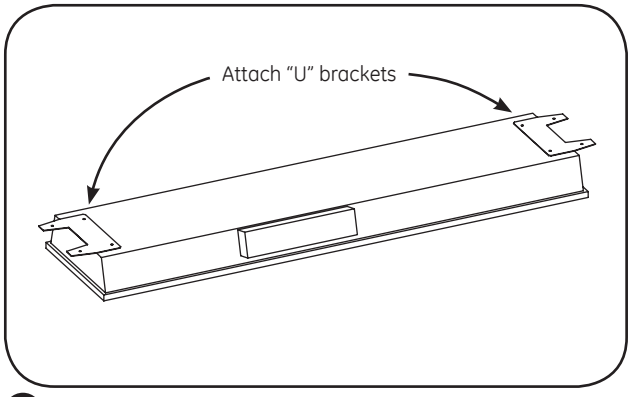
Grounding Instructions
- The grounding and bonding of the overall system shall be done in accordance to the local electric code of the country where the luminaire is installed.

imagination at work

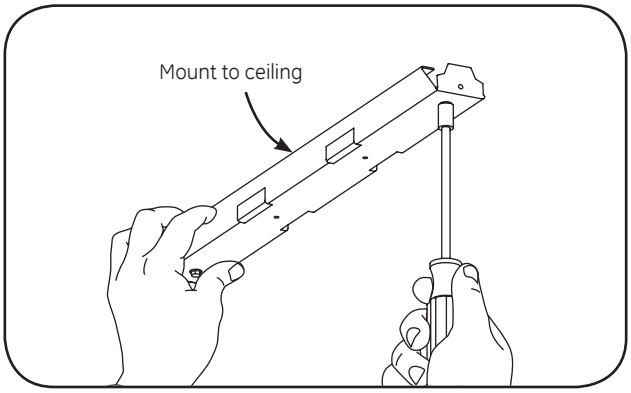
Installation



1 Remove the 4 earthquake brackets that come attached on the top of each end of the luminaire (save the screws).

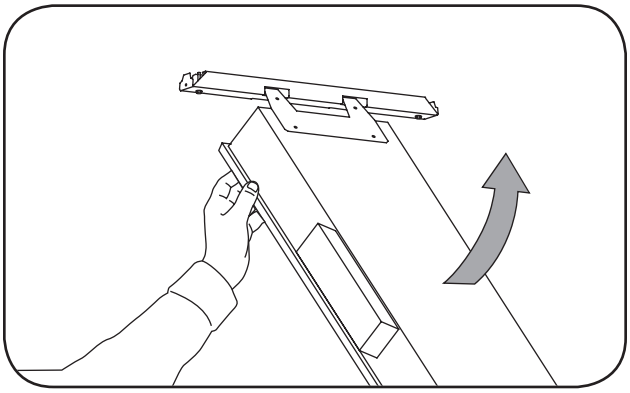


2 Attach the two "U" brackets to both ends of the luminaire using either the screws that were saved from the earthquake brackets or screws included in the surface mount hardware kit.

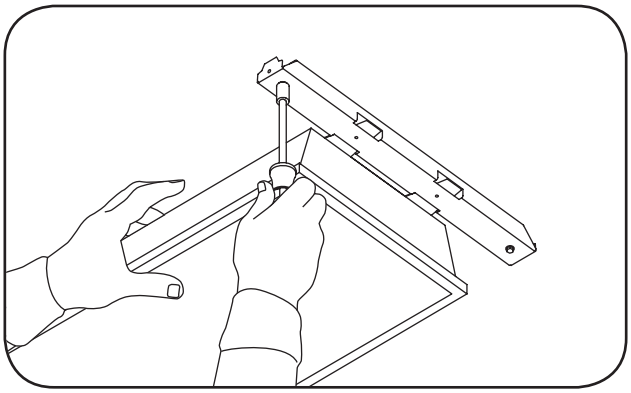


3 Measure appropriately and mount one crossbar to the ceiling using the two outer holes with two fasteners capable of supporting >30 lbs. each. Make sure that slots are facing down toward the floor. Use proper mounting method provided by contractor according to local building codes.

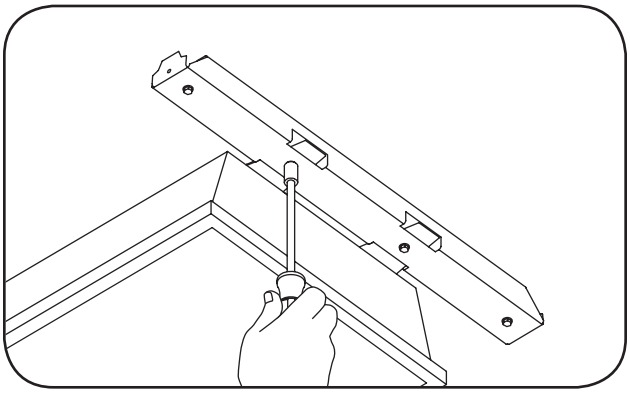
NOTE: Holes may be enlarged as required.



4 Insert one end of the luminaire "U" bracket in to the crossbar that has already been securely mounted to the ceiling. Lift opposite end of luminaire up to ceiling.

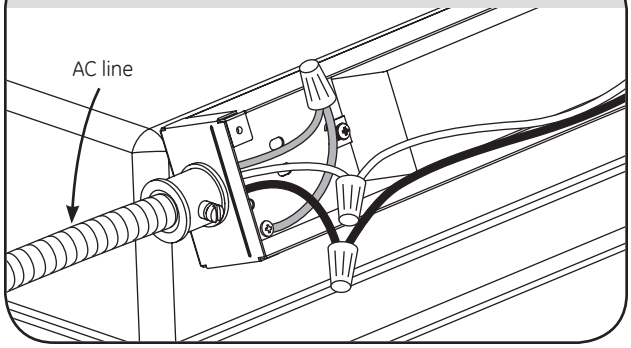


5 While pushing the luminaire firmly and evenly against the crossbar that has already been mounted to the ceiling, slide the second crossbar to the other "U" bracket on the opposite end of the luminaire. While holding the luminaire in place, attach the second crossbar securely to the ceiling, making sure that it is seated firmly against the "U" bracket of the luminaire.

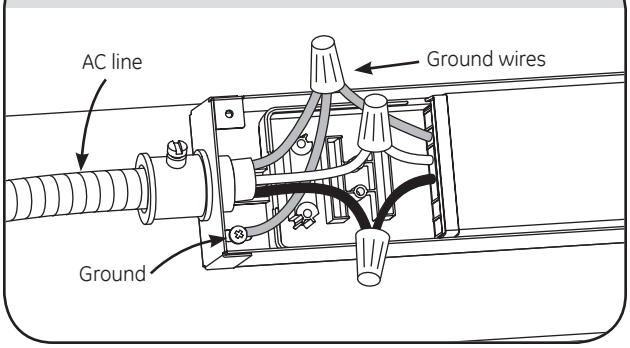


6 Attach two alignment screws on each end through the pre-drilled holes of the crossbar and "U" bracket.

BT22 Series

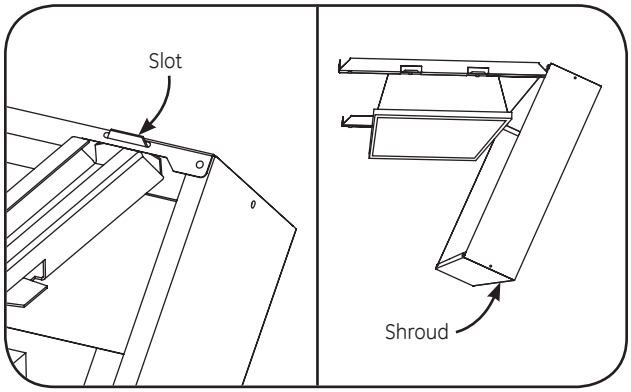


BT14 & BT24 Series

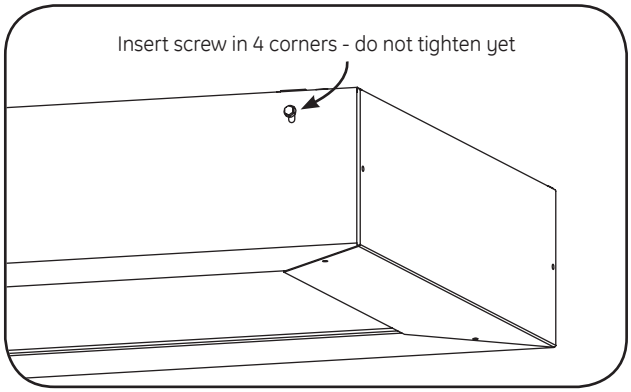


7 Attach UL approved conduit (rigid or flexible per installation method) to the knockout of the power supply box. Connect the AC line to the black (line) and white (neutral) input wires of the LED Driver using 18-14AWG twist-on wire connectors. Replace electrical enclsoure cover.

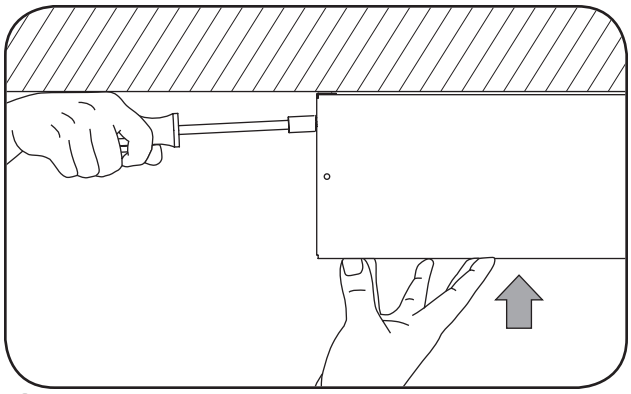
For BT22 Series: Connect the ground wire to the green grounding wire.
For BT14 & BT24 Series: Connect the ground wire to the green grounding wire and driver grounding wire.



8 Catch the slots of both corners of the shroud to the crossbars, using caution not to bend the shroud. The shroud can now hang freely.



9 Swing the hanging part of the shroud to the other side of the two crossbars and latch the slots. Align the 4 slotted holes of the shroud and put the four white screws in to the pre drilled holes in the crossbar – do not tighten the screws yet.



10 Push the shroud from the bottom so that it is tight against the ceiling. While holding the shroud, tighten the four white screws, one at a time. The torque for the four screws (SCR832X12PHPTFW) is between 6 and 10 in-lbs. Adjust as necessary for an even look.

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